

## ABSTRACT OF THE DISCLOSURE

In document (or pattern) clustering, the correct number of clusters and accurate assignment of each document (or pattern) to the correct cluster are attained. Documents (or patterns) describing the same topic (or object) are grouped, so a document (or pattern) group belonging to the same cluster has some commonality. Each topic (or object) has distinctive terms (or object features) or term (or object feature) pairs. When the closeness of each document (or pattern) to a given cluster is obtained, common information about the given cluster is extracted and used while the influence of terms (or object features) or term (or object feature) pairs not distinctive to the given cluster is excluded.